

Project Name/Location:				Contract Number: W9127N-05-C-0012			
Columbia River Channel Improvement - RM 13+30 to 14+45							
Date: 08/24/2005				John Cannon contacted at 12:19.			
Dredging Load Number 797 Tidal Stage Ebb Dredge State: Overflow through skimmers only Weather: Clear Wind: 0-5 kts Seas: 0'-1' Disposal location Columbia River DWS	Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)
	DR-1	21.2	11:25:20	7360875.81	939924.57	5.2	
	DR-2	19.2	11:26:37	7360154.01	939528.44	16.7	9.3
	DR-2R1	21.1	11:26:40	7360149.54	939522.54	14.1	9.3
	DR-4	18.6	11:28:43	7359524.00	939207.63	22.9	
	DR-4R1	19.0	11:28:47	7359519.53	939201.73	17.9	
	DR-3	19.7	11:30:27	7360917.52	939192.83	5.5	
Remarks:				Action Taken:			
DR-2 exceeded 10% over background, taken in the plume.				Re-test DR-2R1 was taken.			
DR-4 exceeded 10% over background, taken in plume.				Re-test DR-4R1 was taken.			
				The dredge moved away from the area while continuing dredging to avoid further increasing the turbidity at the location where the exceedence was measured. The dredge coordinates were marked on the GPS screen to insure no further dredging occurred at the location where the exceedence was measured.			
Sample Point Key	All Tests Conducted With YSI 6600					Turbidity Compliance	DO Compliance
DR-1	Background - 100' Up Current, Within 600-Foot of Channel					OR WA WA	OR, WA Not Required Not Required
DR-2	100' Down Current						
DR-3	300' Radially from point of dredge (Port or Starboard)						
DR-4	900' Down Current from point of dredging						
Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point						

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John Cannon on board during testing.

Dredging	Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)
Load Number	DR-1	20.3	16:49:18	7359263.52	939242.70	2.6	
798	DR-2	25.4	16:51:38	7360018.87	939734.76	27.5	10.1
Tidal Stage	DR-2R1	25.7	16:51:42	7360031.52	939734.24	22.1	9.8
Flood	DR-4	22.1	16:53:11	7360715.02	939815.60	24.5	
Dredge State:	DR-4R1	21.8	16:53:15	7360727.67	939815.08	21.3	
Overflow through skimmers only	DR-3	17.3	16:56:27	7359411.84	939151.42	2.1	
Weather:							
Clear							
Wind:							
5-10 kts							
Seas:							
1'-2'							
Disposal location							
Columbia River DWS							

Remarks:	Action Taken:
DR-2 exceeded 10% over background, taken in the plume.	Re-test DR-2R1 was taken.
DR-4 exceeded 10% over background, taken in the plume.	Re-test DR-4R1 was taken
	The dredge moved away from the area while continuing dredging to avoid further increasing the turbidity at the location where the exceedence was measured. The dredge coordinates were marked on the GPS screen to insure no further dredging occurred at the location where the exceedence was measured.

Sample Point Key	All Tests Conducted With YSI 6600	Turbidity Compliance	DO Compliance
DR-1	Background - 100' Up Current, Within 600-Foot of Channel		
DR-2	100' Down Current	OR	OR, WA
DR-3	300' Radially from point of dredge (Port or Starboard)	WA	Not Required
DR-4	900' Down Current from point of dredging	WA	Not Required
Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point		